## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 10 | (tension same limiter same pounds) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:08 |
| L2 | 8 | L1 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:08 |
| L3 | 16753 | (tension same limit$3 same spring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:10 |
| L4 | 766 | (adjust$4 with tension with limit$3) same (spring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:10 |
| L5 | 601 | L4 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:10 |
| L6 | 13 | l5 and (catheter or guidewire or (guide near wire)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:11 |
| L7 | 3 | spring same force same break$3 same (steerable with stylet) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:20 |
| L8 | 2 | L7 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:20 |
| L9 | 2631 | (adjust$4 with tension with mechanism) same (spring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:22 |
| L10 | 3 | l9 and (steerable with stylet) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:22 |
| L11 | 3 | l9 and (steerable with ((guide near wire) or guidewire or probe or stylet)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:23 |
| L12 | 3 | l9 and (steer$4 with ((guide near wire) or guidewire or probe or stylet)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:24 |
| L13 | 8834 | (adjust$4 with tension with (mechanism or device or handle or portion or lever or switch) same (spring) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:24 |

| L14 | 11 | l13 and (steer$4 with ((guide near wire) or guidewire or probe or stylet)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:25 |
|---|---|---|---|---|---|---|
| L15 | 8 | L14 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:25 |
| S1 | 2 | ("6,132,390").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/09/13 10:55 |
| S2 | 198 | (US-20030040684-$ or US-20040143197-$ or US-20060184105-$ or US-20040064024-$ or US-20040097804-$ or US-20040116849-$ or US-20020004638-$ or US-20040267162-$ or US-20060089569-$ or US-20060229657-$ or US-20020072689-$ or US-20030060821-$ or US-20030069578-$ or US-20030078574-$ or US-20040097806-$ or US-20040116848-$ or US-20040215139-$ or US-20010041862-$ or US-20020147484-$ or US-20020188311-$ or US-20030130712-$ or US-20030199818-$ or US-20040116878-$ or US-20040204701-$ or US-20040267280-$ or US-20050027249-$).did. or (US-20050055043-$ or US-20060079949-$ or US-20060129178-$ or US-20070021767-$ or US-20070032850-$ or US-20030120171-$ or US-20060100694-$).did. or (US-5263963-$ or US-6776765-$ or US-4957110-$ or US-5184621-$ or US-5327906-$ or US-5368048-$ or US-6027462-$ or US-6059739-$ or US-6607496-$ or US-6805676-$ or US-6871085-$ or US-7101361-$ or US-5180368-$ or US-4796642-$ or US-5417708-$ or US-5562698-$ or US- | US-PGPUB; USPAT | OR | ON | 2009/09/13 12:59 |

5569296-$ or US-6045734-
$ or US-6973352-$ or US-
5397321-$ or US-5928191-
$ or US-5944689-$ or US-
6074351-$ or US-4848344-
$ or US-4899732-$ or US-
5211636-$).did. or (US-
RE34633-$ or US-
5376083-$ or US-5396902-
$ or US-5439006-$ or US-
5571161-$ or US-5662119-
$ or US-5665064-$ or US-
5674271-$ or US-5769858-
$ or US-5807324-$ or US-
5833604-$ or US-5868665-
$ or US-5873842-$ or US-
6123699-$ or US-6198974-
$ or US-6554794-$ or US-
6652517-$ or US-6755794-
$ or US-6893438-$ or US-
7037290-$ or US-7056314-
$ or US-4552554-$ or US-
5697948-$ or US-4846804-
$ or US-5817046-$ or US-
5895378-$ or US-5897533-
$).did. or (US-5919163-$
or US-5947927-$ or US-
4046151-$ or US-4135518-
$ or US-4815476-$ or US-
4865037-$ or US-4886074-
$ or US-4945920-$ or US-
5184627-$ or US-5235978-
$ or US-5336205-$ or US-
5354327-$ or US-5372592-
$ or US-5382238-$ or US-
5392791-$ or US-5397302-
$ or US-5456694-$ or US-
5489271-$ or US-5527298-
$ or US-5599324-$ or US-
5755685-$ or US-5871467-
$ or US-5902331-$ or US-
5919164-$ or US-5935160-
$ or US-5935122-$ or US-
5957967-$).did. or (US-
5968085-$ or US-6018857-
$ or US-6080113-$ or US-
6132456-$ or US-6146338-
$ or US-6185464-$ or US-
6190352-$ or US-6197016-
$ or US-6217585-$ or US-
6254610-$ or US-6264611-
$ or US-6348045-$ or US-
6379334-$ or US-6607538-
$ or US-6689141-$ or US-
6697677-$ or US-6702781-
$ or US-6733473-$ or US-

|  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
|  |  | 6868291-$ or US-6907298-$ or US-6939338-$ or US-7283878-$ or US-5222487-$ or US-5357961-$ or US-5267958-$ or US-5755695-$ or US-4106512-$).did. or (US-4860769-$ or US-4991588-$ or US-5246014-$ or US-5538512-$ or US-6053904-$ or US-6485440-$ or US-4585013-$ or US-5261887-$ or US-5322513-$ or US-5261419-$ or US-5277231-$ or US-5314462-$ or US-5425756-$ or US-5489269-$ or US-5514174-$ or US-5769077-$ or US-5845646-$ or US-5947940-$ or US-6053876-$ or US-6168623-$ or US-4177809-$ or US-4258725-$ or US-4289144-$ or US-4307723-$ or US-4332259-$ or US-4350169-$).did. or (US-4379462-$ or US-4381013-$ or US-4394866-$ or US-4411654-$ or US-4437474-$ or US-4454888-$ or US-4456017-$ or US-4458677-$ or US-4463765-$ or US-4468224-$ or US-4496347-$ or US-4498482-$ or US-4548206-$ or US-RE32227-$ or US-4608986-$ or US-4628943-$ or US-4632668-$ or US-4774948-$ or US-4787892-$ or US-4791937-$ or US-4791939-$ or US-4826485-$ or US-4850983-$ or US-4874365-$ or US-4890626-$ or US-4892095-$ or US-4894052-$).did. or (US-4898163-$ or US-4911689-$ or US-4917104-$ or US-4919651-$).did. |  |  |  |  |
| S3 | 7 | S2 and (beam near strength) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 12:59 |

| S4 | 53 | ("2118631" \| "3802440" \| "4209019" \| "4215703" \| "4271845" \| "4456017" \| "4719924" \| "4757827" \| "4822345" \| "4886067" \| "5060660" \| "5282478" \| "5304131" \| "5315996" \| "5322064" \| "5327906" \| "5396902" \| "5437288" \| "5439006" \| "5441483" \| "5573520" \| "5605162" \| "5605543" \| "5662119" \| "5674271" \| "5726615" \| "5743876" \| "5752915" \| "5758656" \| "5820591" \| "5824031" \| "5833632" \| "5851203" \| "5873842" \| "5916178" \| "5938623" \| "5957903" \| "6004279" \| "6017319" \| "6027462" \| "6039743" \| "6048339" \| "6059739" \| "6068623" \| "6132390" \| "6183420" \| "6203506" \| "6485440" \| "6607496").PN. OR ("6776765").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/13 13:03 |
| S5 | 0 | S4 and (beam near strength) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:04 |
| S6 | 1 | S4 and (beam with strength) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:04 |
| S7 | 0 | S4 and (band with strength) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:06 |
| S8 | 25 | S4 and (strength) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:06 |
| S9 | 3 | (breaking near stress near force) with pounds | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:14 |
| S10 | 3 | S9 and (catheter or guidewire or (guide near wire)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:14 |
| S11 | 66487 | "l3" and @ad< "20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:15 |
| S12 | 2 | S10 and @ad< "20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:16 |

| S13 | 291 | (steerable near (stylet or catheter or (guide near wire) or guidewire) same (notch or cut$4 or slit or groove or slot) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:19 |
|-----|-----|------|------|-----|-----|------|
| S14 | 192 | S13 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:19 |
| S15 | 24 | S14 and (depth same (notch or cut$4 or slit or groove or slot)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 13:20 |
| S16 | 4 | S14 and ((bend$3 or flex $3) same ((multiple near direction) or multi-directional or (plurality near direction$2) or bidirectional)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 14:58 |
| S17 | 23 | S15 and force | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:06 |
| S18 | 2 | S15 and (force with pound) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:08 |
| S19 | 14 | S13 and (force with pound) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:08 |
| S20 | 12 | S14 and (force with pound) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:08 |
| S21 | 10 | S20 not S18 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:09 |
| S22 | 10 | (tension same limiter same pounds) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:11 |
| S23 | 8 | S22 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:11 |
| S24 | 2 | S23 and (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:12 |
| S25 | 2 | S23 and (steer$4 same (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:12 |
| S26 | 0 | S25 not S24 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:12 |

| S27 | 7583 | (tension same pound) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:13 |
|-----|------|----------------------|------------------------------------|----|----|------------------|
| S28 | 35 | (tension same pound) and (steer$4 same (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:13 |
| S29 | 19 | S28 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:13 |
| S30 | 17 | S29 not S24 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:13 |
| S31 | 1024 | (break$3 with force) with pounds | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:26 |
| S32 | 75 | S31 and (catheter or guidewire or (guide near wire)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:27 |
| S33 | 51 | S32 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:27 |
| S34 | 16794 | (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:33 |
| S35 | 10638 | S34 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:34 |
| S36 | 10 | S35 and (break$ with (stress or strength) with (lb or pound)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 15:34 |
| S37 | 53 | "5353798" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:27 |
| S38 | 2 | ("5353798").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/09/13 19:27 |
| S39 | 6676 | (beam near strength) or (band near strength) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:29 |
| S40 | 12 | S39 and (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:29 |

| S41 | 3113 | "l15" and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:29 |
| S42 | 5 | S40 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:30 |
| S43 | 2502 | (force or pound) same (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:31 |
| S44 | 1524 | S43 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:39 |
| S45 | 1316 | (force or pound) with (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:39 |
| S46 | 3 | (break with (force or pound)) with (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:40 |
| S47 | 2 | S46 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:40 |
| S48 | 1016 | (wire with (force or pound)) with (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:41 |
| S49 | 580 | S48 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:41 |
| S50 | 16 | (wire with (pound)) with (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:42 |
| S51 | 14 | S50 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:42 |
| S52 | 18 | (wire with (pound)) same (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:46 |

| S53 | 2 | S52 not S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 19:46 |
|-----|---|-------------|-----|----|----|------|
| S54 | 2220 | (tension limit$3) same (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:03 |
| S55 | 29 | (tension with limit$3) same (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:03 |
| S56 | 18 | S55 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:03 |
| S57 | 2 | S56 and pound | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:05 |
| S58 | 16 | S56 not S57 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:05 |
| S59 | 0 | ("2003/0040684").URPN. | USPAT | OR | ON | 2009/09/13 20:09 |
| S60 | 50 | ("2118631" \| "3802440" \| "4209019" \| "4215703" \| "4271845" \| "4456017" \| "4719924" \| "4757827" \| "4822345" \| "4886067" \| "5060660" \| "5282478" \| "5304131" \| "5315996" \| "5322064" \| "5327906" \| "5396902" \| "5437288" \| "5439006" \| "5441483" \| "5573520" \| "5605162" \| "5605543" \| "5662119" \| "5674271" \| "5726615" \| "5743876" \| "5752915" \| "5758656" \| "5820591" \| "5824031" \| "5833632" \| "5851203" \| "5873842" \| "5916178" \| "5938623" \| "5957903" \| "6004279" \| "6017319" \| "6027462" \| "6039743" \| "6048339" \| "6059739" \| "6068623" \| "6132390" \| "6183420" \| "6203506" \| "6485440" \| "6607496").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/13 20:09 |
| S61 | 0 | S60 and pound | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:09 |

| S62 | 0 | S60 and break%4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:09 |
| S63 | 10 | S60 and break$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:09 |
| S64 | 12671 | (tactile near feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:22 |
| S65 | 646 | S64 and (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:22 |
| S66 | 374 | S65 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:22 |
| S67 | 36 | (tactile near feedback) with (steer$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:23 |
| S68 | 21 | S67 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/13 20:23 |
| S69 | 2 | ("6132390").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/09/13 21:53 |
| S70 | 132 | tension$3 same spring same (core near wire) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 15:37 |
| S71 | 104 | S70 and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 15:37 |
| S72 | 14 | S71 and (steer$4 with catheter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/04/10 15:37 |

**4/10/2010 8:06:19 PM**
**C:\ Documents and Settings\ fsmith1\ My Documents\ EAST\ Workspaces\ Search for 10752466.**
**wsp**